

6 5 4 3 2 1

APPROVED: \_\_\_\_\_  
 DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_

| Rev | AWO # | Description | Date    | Appr |
|-----|-------|-------------|---------|------|
| -   |       | RELEASED    | 4/12/23 |      |

RECOMMENDED PCB LAYOUT

DATE CODE  
 YWW  
 8.17  
 8.94

CONTACT A1  
 CONTACT A12  
 CONTACT B1  
 CONTACT B12  
 8.34 <sup>+0.06</sup>/<sub>-0.02</sub>  
 R0.95  
 7.20  
 8.64  
 0.30

1.60(CENTER HEIGHT)  
 3.16  
 1.60  
 0.03(SMT CONTACT SOLDER)  
 0.10  
 1.50  
 3.05  
 5.35  
 2.00  
 Ø 0.52

0.30  
 0.25  
 0.50  
 5.50  
 7.20  
 7.55  
 0.20

SPECIFICATIONS:  
 Material:  
 Insulator: Hi-Temp Thermoplastic, rated UL 94V-0, Color: Black  
 Contacts: Brass  
 Shell: Stainless Steel, Nickel plated  
 Plating:  
 30u" Gold over Nickel underplate on contact area,  
 Matte Tin over Nickel underplate on solder tails  
 Electrical:  
 Voltage rating: 20V  
 Current rating: 5A  
 Contact resistance: 40 mohms max for Initial  
 Insulation resistance: 100 Mohms min @100 VDC  
 Dielectric withstanding voltage: 100 VAC For 1 Minute  
 Mechanical:  
 Durability: 10,000 Cycles  
 Temperature Rating:  
 Operating temperature: -20°C to +85°C  
 Environmental:  
 Lead free, RoHS compliant.

PACKAGED ON TAPE & REEL

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE MILLIMETERS. TOLERANCES: EXCEPT AS NOTED

|     |       |       |
|-----|-------|-------|
|     | MM    | ANGLE |
| X.  | ± .50 | ± 5°  |
| .X  | ± .30 |       |
| .XX | ± .20 |       |

|          |    |         |
|----------|----|---------|
| DRAWN    | LH | 4/12/23 |
| CHECKED  | RC | 4/12/23 |
| APPROVED |    |         |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH

**ADAM TECH**

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TITLE  
 UNIVERSAL SERIAL BUS, TYPE C 4.0, FEMALE,  
 RIGHT ANGLE, 30" GOLD PLATED

|              |                                            |              |
|--------------|--------------------------------------------|--------------|
| SIZE<br>X    | PART NO.<br>USB-C40-S-RA-CS6-SMT-BK-30-T/R | REV.<br>-    |
| REF: S00013T | SCALE: NTS                                 | SHEET 1 OF 1 |

6 5 4 3 2 1